

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	10/186474	US-PGPUB; USPAT	OR	ON	2006/01/31 09:50
L2	0	"10186474"	US-PGPUB; USPAT	OR	ON	2006/01/31 09:25
L3	1	"6044086".pn.	US-PGPUB; USPAT	OR	ON	2006/01/31 09:26
L4	1	"6151310".pn.	US-PGPUB; USPAT	OR	ON	2006/01/31 09:26
L5	1	"6671327".pn.	US-PGPUB; USPAT	OR	ON	2006/01/31 11:13
L6	801	"714"/\$.ccls. and (check adj bit) with (parity)	US-PGPUB; USPAT	OR	ON	2006/01/31 11:14
L7	801	"714"/\$.ccls. and ((check adj bit) with (parity))	US-PGPUB; USPAT	OR	ON	2006/01/31 11:14
L8	1	(turbo adj cod\$5) and (unencod\$5 adj bit) and (encod\$5 adj bit) and (gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:17
L9	1	(turbo adj cod\$5) and (encod\$5 adj bit) and (inner adj gray adj mapping) and (outer adj gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:18
L10	0	(turbo adj cod\$5) and (fractional adj bit) and (inner adj gray adj mapping) and (outer adj gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:18
L11	1	(turbo adj cod\$5) and (inner adj gray adj mapping) and (outer adj gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:18
L12	1	(inner adj gray adj mapping) and (outer adj gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:19
L13	0	"714"/\$.ccls. and (inner adj gray adj mapping) and (outer adj gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:20
L14	0	"714"/\$.ccls. and (concatenated adj gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:20
L15	0	"714"/\$.ccls. and (serial adj concatenated adj gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:31
L16	0	"714"/\$.ccls. and (identif\$5 with odd with even adj bits)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:32
L17	64	"714"/\$.ccls. and (identif\$5 with odd with even )	US-PGPUB; USPAT	OR	ON	2006/01/31 13:32
L18	4	"714"/\$.ccls. and (identif\$5 with information with odd with even )	US-PGPUB; USPAT	OR	ON	2006/01/31 13:33
L19	11	"714"/\$.ccls. and (odd near3 even near3 information near3 bits)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:36
L20	3	"714"/\$.ccls. and (controller with identif\$5 with odd with even)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:59

L21	0	"714"/\$.ccls. and (inner adj gray)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:59
L22	1	"375"/\$.ccls. and (inner adj gray)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:59
L23	1	"375"/\$.ccls. and (inner adj gray) and (Outer gray)	US-PGPUB; USPAT	OR	ON	2006/01/31 14:00
L24	85	"375"/\$.ccls. and (gray adj mappings)	US-PGPUB; USPAT	OR	ON	2006/01/31 14:01
L25	4	"375"/\$.ccls. and (inner with (gray adj mapping))	US-PGPUB; USPAT	OR	ON	2006/01/31 14:02
L26	4	"375"/\$.ccls. and (concatenat\$5 with (gray adj mapping))	US-PGPUB; USPAT	OR	ON	2006/01/31 14:02
L27	0	"714"/\$.ccls. and (concatenat\$5 with (gray adj mapping))	US-PGPUB; USPAT	OR	ON	2006/01/31 14:06
L28	0	"714"/\$.ccls. and (concatenat\$5 adj gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 14:06
L29	1	(concatenat\$5 adj gray adj mapping)	US-PGPUB; USPAT	OR	ON	2006/01/31 14:06
S1	1	"5115453".pn.	US-PGPUB; USPAT	OR	ON	2004/11/04 09:17
S2	7	("4084137"   "4507648"   "4562426"   "4713817"   "4721928"   "4855692"   "4873701").PN.	USPAT	OR	ON	2004/10/26 10:06
S3	31	"5115453".URPN.	USPAT	OR	ON	2004/10/26 10:08
S4	5	375/353.ccls. and QAM	US-PGPUB; USPAT	OR	ON	2005/07/29 14:50
S5	115	375/353.ccls.	US-PGPUB; USPAT	OR	ON	2004/10/26 10:55
S6	13	375/264.ccls. and PAM	US-PGPUB; USPAT	OR	ON	2004/10/26 13:05
S7	1	"5233629".pn.	US-PGPUB; USPAT	OR	ON	2004/10/26 13:05
S8	1	"6269129".pn.	US-PGPUB; USPAT	OR	ON	2004/11/01 09:29
S9	1	"6175550".pn.	US-PGPUB; USPAT	OR	ON	2004/11/01 09:29
S10	0	(differential adj convolution\$5 adj code) same (turbo adj coding)	US-PGPUB; USPAT	OR	ON	2004/11/01 09:30
S11	0	(differential adj convolution\$5 adj code) and (turbo adj coding)	US-PGPUB; USPAT	OR	ON	2004/11/01 09:30
S12	0	(differential adj convolution\$5 adj code) and (parallel adj convolution\$5)	US-PGPUB; USPAT	OR	ON	2004/11/01 09:31
S13	0	(differential adj convolution\$5 adj code) and (parallel adj convolution\$5)	US-PGPUB; USPAT	OR	ON	2004/11/01 09:31
S14	0	differential adj convolution\$5 adj code	US-PGPUB; USPAT	OR	ON	2004/11/01 11:00

S15	1	"5396518".pn.	US-PGPUB; USPAT	OR	ON	2004/11/01 11:00
S16	10	(turbo adj cod\$5) and (unencod\$5 adj bit) and (encod\$5 adj bit)	US-PGPUB; USPAT	OR	ON	2006/01/31 13:16
S17	8	(parallel adj concatena\$5 adj cod\$5) and (unencod\$5 adj bit) and (encod\$5 adj bit)	US-PGPUB; USPAT	OR	ON	2004/11/02 09:56
S18	9	(turbo adj trellis adj cod\$5) and (unencod\$5 adj bit) and (encod\$5 adj bit)	US-PGPUB; USPAT	OR	ON	2004/11/02 09:56
S19	0	(turbo near cod\$5) and (unencod\$5 adj bit) and (odd adj bit)	US-PGPUB; USPAT	OR	ON	2004/11/02 09:57
S20	11	(turbo near cod\$5) and (unencod\$5 adj bit)	US-PGPUB; USPAT	OR	ON	2004/11/03 12:18
S21	10	(parallel near cod\$5) and (unencod\$5 adj bit)	US-PGPUB; USPAT	OR	ON	2004/11/02 09:59
S22	1	"5396518".pn.	US-PGPUB; USPAT	OR	ON	2004/11/02 10:03
S23	46	"5396518".URPN.	USPAT	OR	ON	2004/11/02 09:59
S24	9	("4483012"   "4586182"   "4660214"   "4901331"   "5054036"   "5115453"   "5195107"   "5233629"   "5258987"). PN.	USPAT	OR	ON	2004/11/02 10:00
S25	1	"5790570".pn.	US-PGPUB; USPAT	OR	ON	2004/11/02 10:34
S26	3	("5321725"   "5416801"   "5548615"). PN.	USPAT	OR	ON	2004/11/02 10:03
S27	20	"5790570".URPN.	USPAT	OR	ON	2004/11/02 10:04
S35	1	"6005897".pn.	US-PGPUB; USPAT	OR	ON	2004/11/02 18:55
S36	21	("4500994"   "4601044"   "4993046"   "5111484"   "5233629"   "5233630"   "5363408"   "5396518"   "5408502"   "5428631"   "5438590"   "5469452"   "5511096"   "5621762"   "5633881"   "5666170"   "5668820"   "5790596"   "5832001"   "5878085"   "5910967"). PN.	USPAT	OR	ON	2004/11/02 19:00
S37	1	"5986550".pn.	US-PGPUB; USPAT	OR	ON	2004/11/03 08:42
S38	8	(turbo near encod\$5) and (unencod\$5 adj bit)	US-PGPUB; USPAT	OR	ON	2004/11/03 12:19
S39	161	(turbo near encod\$5) and (encod\$5 adj bit)	US-PGPUB; USPAT	OR	ON	2004/11/03 12:19
S40	52	(turbo near encod\$5) and (encod\$5 adj bit) and QAM	US-PGPUB; USPAT	OR	ON	2004/11/14 15:28

S41	5	("5390198"   "6088387"   "6249544"   "6374386"   "6473878").PN.	USPAT	OR	ON	2004/11/03 12:32
S42	7	("4941154"   "5363408"   "5416804"   "5442626"   "5706312"   "5790570"   "6023783").PN.	USPAT	OR	ON	2004/11/03 12:32
S43	1	"6088387".pn.	US-PGPUB; USPAT	OR	ON	2004/11/04 09:34
S44	29	("4456925"   "4620289"   "4725694"   "4916441"   "4980897"   "5014267"   "5157717"   "5335276"   "5393964"   "5406615"   "5488412"   "5512935"   "5534913"   "5546316"   "5561604"   "5572005"   "5583965"   "5584054"   "5587735"   "5619684"   "5644628"   "5671267"   "5682195"   "5684918"   "5721745"   "5907582"   "5970085"   "5978365"   "6014411").PN.	USPAT	OR	ON	2004/11/04 09:21
S45	26	"6088387".URPN.	USPAT	OR	ON	2004/11/04 09:23
S46	1	"6553539".pn.	US-PGPUB; USPAT	OR	ON	2004/11/04 09:34
S47	3	("5812601"   "5907582"   "6088387").PN.	USPAT	OR	ON	2004/11/04 09:34
S48	0	"6553539".URPN.	USPAT	OR	ON	2004/11/04 09:34
S49	1646	375/222.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/04 09:34
S50	27	375/222.ccls. and turbo	US-PGPUB; USPAT	OR	ON	2004/11/04 09:36
S51	5	("5390198"   "6088387"   "6249544"   "6374386"   "6473878").PN.	USPAT	OR	ON	2004/11/04 09:35
S52	8	375/222.ccls. and turbo and Punctu\$5	US-PGPUB; USPAT	OR	ON	2004/11/14 15:13
S53	1659	375/222.ccls. ADSL and turbo and Punctu\$5	US-PGPUB; USPAT	OR	ON	2004/11/04 09:42
S54	2	375/222.ccls. and ADSL and turbo and Punctu\$5	US-PGPUB; USPAT	OR	ON	2004/11/04 10:06
S55	2	375/265.ccls. and ADSL and turbo	US-PGPUB; USPAT	OR	ON	2004/11/04 10:08
S56	69	375/265.ccls. and turbo	US-PGPUB; USPAT	OR	ON	2004/11/04 10:27
S57	310	ADSL same QAM	US-PGPUB; USPAT	OR	ON	2004/11/04 10:28
S58	9	ADSL near QAM	US-PGPUB; USPAT	OR	ON	2004/11/04 10:27
S59	12	(ADSL same QAM) and turbo	US-PGPUB; USPAT	OR	ON	2004/11/04 10:28
S60	102	(turbo near encod\$5) and (encod\$5 adj bit) and (information adj bit)	US-PGPUB; USPAT	OR	ON	2004/11/14 15:38

S61	10	(turbo near encod\$5) and (encod\$5 adj bit) and ((information adj bit) same odd same even)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:01
S62	3	(turbo near encod\$5) and (encod\$5 adj bit) and ((information adj bit) with odd with even)	US-PGPUB; USPAT	OR	ON	2004/11/14 15:33
S63	0	(turbo near encod\$5) and (encod\$5 adj bit) and ((determin\$5 near (information adj bit)) with odd with even)	US-PGPUB; USPAT	OR	ON	2004/11/14 15:33
S64	2	(turbo near encod\$5) and (encod\$5 adj bit) and (determin\$5 near (information adj bit))	US-PGPUB; USPAT	OR	ON	2004/11/14 15:34
S65	1	"6671327".pn.	US-PGPUB; USPAT	OR	ON	2004/11/14 15:34
S66	0	375/222.ccls. and ((determin\$5 adj (information adj bit)) with (odd and even))	US-PGPUB; USPAT	OR	ON	2004/11/14 15:55
S67	0	((determin\$5 adj (information adj bit)) with (odd and even))	US-PGPUB; USPAT	OR	ON	2004/11/14 15:39
S68	1	375/222.ccls. and (multiple adj turbo adj encoder)	US-PGPUB; USPAT	OR	ON	2004/11/14 15:55
S69	3	"714"/\$.ccls. and (turbo near encod\$5) and (encod\$5 adj bit) and ((information adj bit) same odd same even)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:02
S70	43	"714"/\$.ccls. and (turbo near encod\$5) and (serial adj concatenated)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:05
S71	3	"714"/\$.ccls. and (turbo adj product adj code adj encod\$5)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:06
S72	24	"714"/\$.ccls. and (turbo adj product adj code)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:08
S73	19	"375"/\$.ccls. and (turbo adj product adj code)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:12
S74	1	"375"/222.ccls. and (turbo adj product adj code)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:12
S75	1	"375"/222.ccls. and (turbo adj product adj code adj encoder)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:12
S76	0	"714"/222.ccls. and (turbo adj product adj code adj encoder)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:13
S77	3	"714"/\$.ccls. and (turbo adj product adj code adj encoder)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:13
S78	102	"714"/\$.ccls. and (low adj density adj parity adj check)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:14
S79	1	"714"/\$.ccls. and (low adj density adj parity adj check adj encoder)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:14

S80	2	"375"/\$.ccls. and (low adj density adj parity adj check adj encoder)	US-PGPUB; USPAT	OR	ON	2004/11/14 16:14
S81	1	"6671327"	US-PGPUB; USPAT	OR	ON	2004/11/15 08:51
S82	1	"5233629".pn.	US-PGPUB; USPAT	OR	ON	2004/11/15 08:51
S83	1	"6553539".pn.	US-PGPUB; USPAT	OR	ON	2004/11/15 08:52
S84	0	"714"/\$.ccls. and ((Gray adj mapping) same (turbo))	US-PGPUB; USPAT	OR	ON	2004/11/15 08:53
S85	23	"714"/\$.ccls. and ((Gray adj mapping))	US-PGPUB; USPAT	OR	ON	2004/11/15 09:16
S86	0	"714"/\$.ccls. and ((inner adj Gray adj mapping))	US-PGPUB; USPAT	OR	ON	2004/11/15 09:08
S87	1	"375"/\$.ccls. and ((inner adj Gray adj mapping))	US-PGPUB; USPAT	OR	ON	2004/11/15 09:08
S88	0	"714"/\$.ccls. and ((Gray adj mapping) same inner same outer)	US-PGPUB; USPAT	OR	ON	2004/11/15 09:17
S89	2	"714"/\$.ccls. and (Gray adj mapping) and (inner adj code) and (outer adj code)	US-PGPUB; USPAT	OR	ON	2004/11/15 09:21
S90	21	"714"/\$.ccls. and ((information adj bits) with odd with even)	US-PGPUB; USPAT	OR	ON	2006/01/24 16:17
S91	18	"375"/\$.ccls. and ((information adj bits) with odd with even)	US-PGPUB; USPAT	OR	ON	2006/01/24 15:56
S92	1	"20020026615"	US-PGPUB; USPAT	OR	ON	2005/04/04 11:47
S93	1	"6671327".pn.	US-PGPUB; USPAT	OR	ON	2005/07/29 14:50
S94	5	("5390198"   "6088387"   "6249544"   "6374386"   "6473878").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:51
S95	1	"6553539".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:52
S96	1	"5408499".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:52
S97	1	"5970098".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:53
S98	1	"6473878".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 14:53
S99	1	"6374386".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 15:46

S10 0	1	"6088387".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 16:21
S10 1	1	"6519460".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/29 16:22
S10 2	66	"375"/\$.ccls. and (map\$5 near2 (encoded adj bits))	US-PGPUB; USPAT	OR	ON	2005/08/02 13:45
S10 3	0	"375"/\$.ccls. and (map\$5 near2 (unencoded adj bits))	US-PGPUB; USPAT	OR	ON	2005/08/02 13:47
S10 4	6	"375"/\$.ccls. and (map\$5 near2 (parallel adj bits))	US-PGPUB; USPAT	OR	ON	2005/08/02 13:46
S10 5	3	"455"/\$.ccls. and (map\$5 near2 (parallel adj bits))	US-PGPUB; USPAT	OR	ON	2005/08/02 13:47
S10 6	0	"375"/\$.ccls. and (map\$5 near2 (unencoded adj bits)) and (map\$5 near2 bit) and QAM	US-PGPUB; USPAT	OR	ON	2005/08/02 13:47
S10 7	0	"375"/\$.ccls. and (map\$5 near2 (unencoded adj bits)) and (map\$5 near2 bit) and PAM	US-PGPUB; USPAT	OR	ON	2005/08/02 13:48
S10 8	0	"455"/\$.ccls. and (map\$5 near2 (unencoded adj bits)) and (map\$5 near2 bit) and PAM	US-PGPUB; USPAT	OR	ON	2005/08/02 13:48
S10 9	0	"370"/\$.ccls. and (map\$5 near2 (unencoded adj bits)) and (map\$5 near2 bit) and PAM	US-PGPUB; USPAT	OR	ON	2005/08/02 13:50
S11 0	1	"6671327".pn.	US-PGPUB; USPAT	OR	ON	2005/08/02 13:50
S11 1	5	("5390198"   "6088387"   "6249544"   "6374386"   "6473878").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 15:50
S11 2	5	"714"/\$.ccls. and (turbo adj product adj code adj encoder)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 15:52
S11 3	6	(turbo adj product adj code adj encoder)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 15:55
S11 4	90	(turbo adj product adj code)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 15:55
S11 5	12	(turbo adj product adj code adj encod\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/02 15:55
S11 6	0	(identif\$5 near (information adj bit)) with (odd near3 even)	US-PGPUB; USPAT	OR	ON	2006/01/24 15:29
S11 7	1016	(identif\$5) with (odd near3 even)	US-PGPUB; USPAT	OR	ON	2006/01/24 15:11

S11 8	1	"6671327".pn.	US-PGPUB; USPAT	OR	ON	2006/01/24 15:12
S11 9	0	"09912068"	US-PGPUB; USPAT	OR	ON	2006/01/24 15:12
S12 0	1	"09/912068"	US-PGPUB; USPAT	OR	ON	2006/01/24 15:13
S12 1	5	("5390198"   "6088387"   "6249544"   "6374386"   "6473878").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/24 15:20
S12 2	46	((information adj bit)) with (odd near3 even)	US-PGPUB; USPAT	OR	ON	2006/01/24 15:29
S12 3	1	09/898404	US-PGPUB; USPAT	OR	ON	2006/01/24 15:56
S12 4	1	09/898040	US-PGPUB; USPAT	OR	ON	2006/01/24 15:56
S12 5	1	"6671327".pn.	US-PGPUB; USPAT	OR	ON	2006/01/24 16:17
S12 6	5	("5390198"   "6088387"   "6249544"   "6374386"   "6473878").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/24 16:17
S12 7	34	("6088387").URPN.	USPAT	OR	ON	2006/01/24 16:21
S12 8	1	09/562352	USPAT	OR	ON	2006/01/24 16:31
S12 9	0	10/075145	USPAT	OR	ON	2006/01/24 16:31
S13 0	0	"10075145"	USPAT	OR	ON	2006/01/24 16:31
S13 1	1	09/912068	US-PGPUB; USPAT	OR	ON	2006/01/25 11:11
S13 2	1	"6125120".pn.	US-PGPUB; USPAT	OR	ON	2006/01/25 11:30
S13 3	1	10/075145	US-PGPUB; USPAT	OR	ON	2006/01/25 11:30
S13 4	1	"6671327".pn.	US-PGPUB; USPAT	OR	ON	2006/01/30 16:18
S13 5	1	"6671327".pn.	US-PGPUB; USPAT	OR	ON	2006/01/30 16:18